



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/671,346 Confirmation No.: 7074
Applicant(s): Borran et al.
Filed: September 24, 2003
Art Unit: 2631
Examiner: Burd, Kevin M.
Title: Partially Coherent Constellations For
Multiple-Antenna Systems.
Attorney Docket No.: 873.0119.U1(US)
Customer No.: 29,683

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

(37 C.F.R. §1.97(c))

Sir:

The following information is being disclosed to the U.S. Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

Applicant's Attorney is aware of the art cited on the attached Form PTO-1449. The document was cited in a related International Search Report and Written Opinion. Copies of the International Search Report and Written Opinion are enclosed. References US 2001/0031019; US 2003/0123877 and U.S. Patent 4,891,823 were already cited by the Examiner in an Office Action dated January 5, 2005.

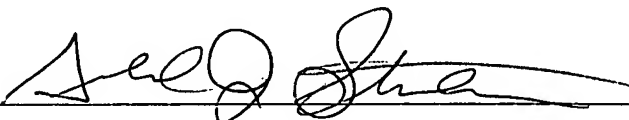
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The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability (37 C.F.R. §1.97(h)).

Respectfully submitted,



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April 5, 2005

Date

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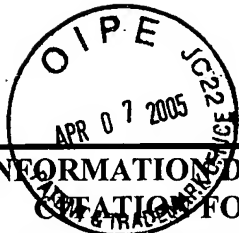


CERTIFICATE OF MAILING

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**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

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U.S. PATENT DOCUMENTS

Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US- 2002/0114378 A1 US- US- US- US- US- US- US- US- US- US- US- US- US-	08-22-2002	Yue	375	136

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a
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OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)

Examiner's Signature: _____ Date Considered: _____
Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
Include a copy of this citation form with your next correspondence to the Applicant(s).